

Modelling School in Molecular Spintronics



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WHEN

April 2022

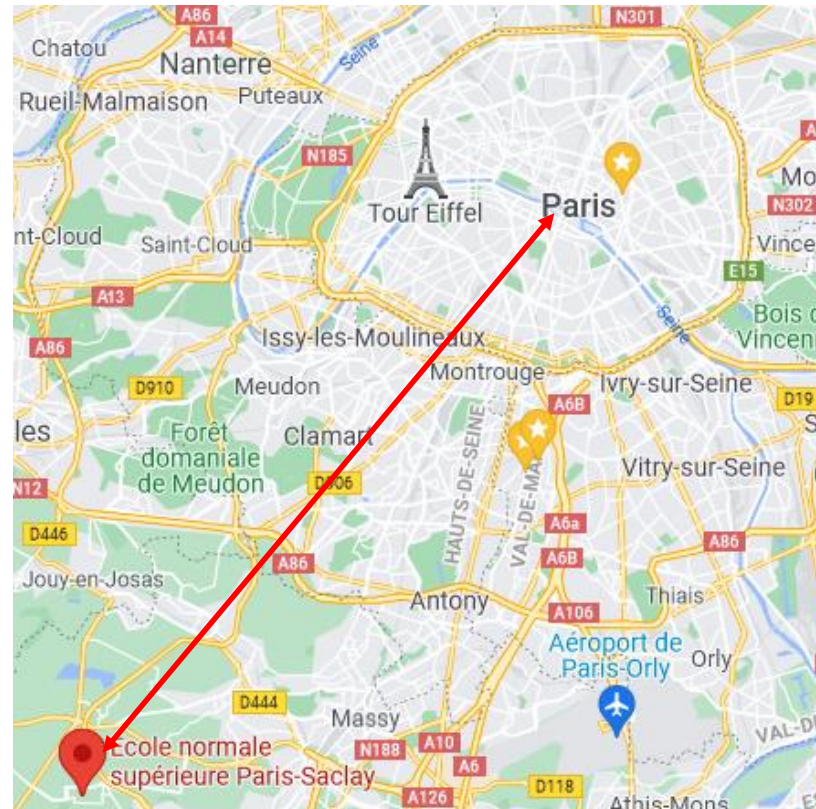
Wk	Sun	Mon	Tue	Wed	Thu	Fri	Sat
13						1	2
14	3	4	5	6	7	8	9
15	10	11	12	13	14	15	16
16	17 Easter Sunday	18 Easter Monday, Tax Day	19	20	21	22	23
17	24	25	26	27	28	29	30

Modelling School in molecular spintronics

WHERE

école —
normale —
supérieure —
paris — saclay —

université
PARIS-SACLAY



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DAY 1 Modelling of magnetic molecules	DAY 2: Magnetic molecules / substrate	DAY 3: Out of equilibrium
<p>Morning: Courses 09:00-09:45: Quantum Chemistry Carmen Calzado 09:45:10:00 Break 10:00-10:45: DFT+U Andrea Floris 10:45-11:15: Coffee Break 11:15-12:00: Hybrid Functionals Troels Markussen</p>	<p>Morning: Courses 09:00-09:45: Magnetic Molecules on Surfaces Cyrille Barreteau 09:45:10:00 Break 10:00-10:45: Spin currents and magnetoresistance through molecules Alexander Smogunov 10:45-11:15: Coffee Break 11:15-12:00: Magnetic interactions Biplab Sanyal</p>	<p>Morning: Courses 09:00-09:45: NEGF Mads Brandbyge 09:45:10:00 Break 10:00-10:45: Electron-phonon Tue Gunst 10:45-11:15: Coffee Break 11:15-12:00: Kondo, spin excitations.. Nicolas Lorente</p>
12h-13h30 Lunch Break	12h-13h30 Lunch Break	12h-13h30 Lunch Break
<p>Afternoon: Hands on 13:30-15:00 Quantum Chemistry 15:00-15:30 Break 15:30-17:00: DFT+U & Hybrid</p>	<p>Afternoon: Hands on 13:30-15:00 Magnetic molecules on surfaces 15:00-15:30 Break 15:30-17:00: Spin currents and magnetoresistance through molecules & Magnetic interactions</p>	<p>Afternoon: Hands on 13:30-15:00 NEGF 15:00-15:30 Break 15:30-17:00: electron-phonons & spin excitations</p>